

AMENDMENTS TO THE SPECIFICATION

Please amend the specification by replacing the following amended paragraphs.

Please replace the paragraph beginning on line 22 of page 2 and ending on line 3 of page 3 with:

The growth in wireless devices also means that traditional computer users who used to be tied to their desktop computers may now be mobile and would require remote access to network applications and services such as email. The mobility of wireless users presents a host of challenges to service providers who may have to provide traditional service to these new wireless devices. One such service is provided by Sun Microsystems, Inc., ~~through its iPlanet™ platform~~ to allow service providers to grow their services from basic traditional services such as voice to leading edge wireless applications with carrier-grade reliability and performance.

On page 3, please replace the paragraph beginning on line 13 and ending on line 20 with:

Figure 1 depicts a prior art wireless client dependent based environment solution to handle similarly configured wireless clients running similar applications or portals. The environment depicted in Figure 1 includes wireless devices such as a WAP phone 101, a ~~household appliance-wireless~~ PC 102, a wireless PC ~~refrigerator~~ 103, etc. In general, the wireless environment depicted in Figure 1 is categorized into the network (Internet 104), Clients (e.g., mobile phones 101, household appliances PCs 102 and PCs ~~household appliances~~ 103) and resources (e.g., websites 105, portals 106 and other applications 107).

On page 11, please replace the paragraph beginning on line 11 and ending one line 22 with:

Figure 2 depicts an embodiment of the wireless device independent based environment of the present invention. The wireless environment depicted in Figure 2 comprises a wireless application protocol (WAP) based phone 201, a WAP transmission infrastructure 203, a WAP gateway 205, the Internet 206 and a wireless server 210. In a global Switch Mobile network for instance, when the phone transmission is received by the mobile switching center, it realizes it is packet data and sends it to the proper channel to be processed. The WAP gateway 205 typically resides on the Local Area Network (LAN) within a telecom carriers premises. It is not generally

a part of the wireless server. The WAP gateway 205 is responsible for connecting the Wireless Markup Language/HTTP content and protocol into a bundled compressed, encoded, encrypted version of WML over WAP.

On page 12, please replace the paragraph beginning on line 19 and ending on line 26 with:

Figure 3 is a block diagram illustration of one embodiment of the wireless system of the present invention. The wireless system shown in Figure 3 includes a Wireless Server 210 (WS) and Wireless Clients ~~200~~ 201. The WS 210 includes Client Detection Module (CDM) 300, Client Data (CD) module 310 which couples to CDM 300, Profile Service (PS) module 320 which couples to CD 310 and Session Service (SS) module 340. WS 210 may include other modules which have not been disclosed here in order not to confuse the teachings of the present invention.

On page 15, please amend the paragraph beginning on line 10 and ending on line 18 with:

All clients service requests made to the WS 210 from clients connected to the wireless network are passed to CRRL 410. When a client initiates a service request, the request is forwarded to CRRL 410. Each client service request includes header information from which CRRL 410 is able to extract the necessary client characteristics to process the request. When CRRL 410 receives the client's initial request, it parses the HTTP header to get the User Agent (UA) information. The parsed information is then passed on to the CRL 420. CRRL 410 may also use other headers apart from ~~form~~ the user-agent headers to extract the client-type information.